

January 2019 Groundwater Elevations  
 New Cassel/Hicksville Groundwater Contamination Site  
 Nassau County, New York

Well ID	Well Depth (feet)	Depth to Water (feet)	Screen Depth (feet)	SP X (NAD83)	SP Y (NAD83)	Measuring Point Elevation (feet)	Groundwater Elevation (amsl)	Comments
<b>Upper Glacial Aquifer</b>								
N-10292	50	15.92	45 - 50	1101413.24	207946.87	77.32	61.40	Location and elevation data from NCDPW
N-10477	57	41.96	47 - 57	1103234.45	213319.56	110.30	68.34	Location and elevation data from NCDPW
N-08939	51	24.95	Unknown	1108207.04	204134.84	81.93	56.98	Location and elevation data from NCDPW
N-08940	64	34.61	Unknown	1108138.41	205992.81	94.42	59.81	Location and elevation data from NCDPW
N-08984	52	33.40	47 - 52	1100777.97	211991.99	102.87	69.47	Location and elevation data from NCDPW
N-09078	65	28.40	Unknown	1102825.41	203215.86	82.48	54.09	Location and elevation data from NCDPW
N-09236 (1C)	50	38.39	45 - 50	1108178.11	209802.14	103.91	65.52	Location and elevation data from NCDPW
N-09939	74	37.73	66 - 71	1105635.46	210295.32	103.92	66.19	Location and elevation data from NCDPW
N-08938	55	30.93	Unknown	1107515.66	203827.70	87.86	56.93	Location and elevation data from NCDPW
N-9222 (16B)	45	31.96	40 - 45	1106889.50	205848.62	91.54	59.58	Location and elevation data from NCDPW
N-9220 (14B)	45	32.92	40 - 45	1107581.34	206054.54	93.07	60.15	Location and elevation data from NCDPW
N-9200 (8B)	46	35.20	40 - 45	1107728.11	207472.14	97.35	62.15	Location and elevation data from NCDPW
N-9241 (7C)	46	34.88	40 - 45	1106109.99	207767.58	96.65	61.77	Location and elevation data from NCDPW
N-9224 (17B)	45	30.82	40 - 45	1107430.97	205345.34	89.56	58.74	Location and elevation data from NCDPW
<b>Magothy Aquifer</b>								
N-10478	121	42.17	101 - 121	1103234.45	213319.56	110.26	68.09	Location and elevation data from NCDPW
N-09199 (Well 8A)	105	35.29	100 - 105	1107728.11	207472.14	97.35	62.06	Location and elevation data from NCDPW
N-09219 (Well 14A)	95	32.93	90 - 95	1107581.34	206054.54	93.07	60.14	Location and elevation data from NCDPW
N-09221 (Well 16A)	95	32.01	90 - 95	1106889.50	205848.62	91.55	59.54	Location and elevation data from NCDPW
N-09223 (Well 17A)	108	30.74	103 - 108	1107430.97	205345.34	89.57	58.83	Location and elevation data from NCDPW
FSMW-14A	129	46.18	119 - 129	1107262.83	214580.13	116.99	70.81	Location and elevation data previous reports provided by EPA
MW-3	150	44	Unknown	1105296.00	213451.20	115.13	71.13	Location and elevation data previous reports provided by EPA
FSMW-14B	169	46.53	159 - 169	1107256.69	214582.56	117.18	70.65	Location and elevation data previous reports provided by EPA
EX-1	205	37.41	185 - 205	1107322.85	213894.38	107.71	70.30	Location and elevation data previous reports provided by EPA
EX-2	285	37.92	265 - 285	1103835.27	212587.22	105.47	67.55	Location and elevation data previous reports provided by EPA
FSMW-14C	249	46.81	239 - 249	1107249.01	214584.35	116.97	70.16	Location and elevation data previous reports provided by EPA
MW-11S	225	39.85	215 - 225	1104018.49	212056.64	106.96	67.11	Location and elevation data previous reports provided by EPA
MW-11D	285	39.96	275 - 285	1104018.49	212056.64	106.96	67.00	Location and elevation data previous reports provided by EPA
MW-14	205	41.38	185 - 205	1107347.51	214120.66	111.85	70.47	Location and elevation data previous reports provided by EPA
MW-16S	225	39.46	215 - 225	1106226.97	213313.45	109.04	69.58	Location and elevation data previous reports provided by EPA
MW-16D	285	39.73	275 - 285	1106226.97	213313.45	109.07	69.34	Location and elevation data previous reports provided by EPA
MW-17S	225	44.5	215 - 225	1107304.77	213282.84	113.90	69.40	Location and elevation data previous reports provided by EPA
MW-17D	285	44.88	275 - 285	1107304.77	213282.84	113.87	68.99	Location and elevation data previous reports provided by EPA
N-11396 (M-18)	585	28.94	560 - 580	1103128.59	203502.22	81.61	52.67	Location and elevation data from NCDPW
N-11397 (M-19)	285	27.89	260 - 280	1103130.07	203198.61	81.50	53.61	Location and elevation data from NCDPW
N-9234 (1A)	205	38.56	200 - 205	1108178.11	209802.14	103.92	65.36	Location and elevation data from NCDPW
N-9235 (1B)	105	38.4	100 - 105	1108178.11	209802.14	103.90	65.50	Location and elevation data from NCDPW
N9239 (Well 7A)	205	35.16	200 - 205	1106109.99	207767.58	96.66	61.50	Location and elevation data from NCDPW
OU3-B1D 590-600	600	23.47	590 - 600	1103573.21	210072.52	87.88	64.41	Location and elevation data from 2017 survey
OU3-B1S 380-390	390	23.23	380 - 390	1103576.80	210067.48	87.25	64.02	Location and elevation data from 2017 survey
OU3-B2D 507-517	517	33.91	507 - 517	1105231.62	210952.54	99.67	65.76	Location and elevation data from 2017 survey
OU3-B2S 262.5-272.5	272.5	34.06	262.5 - 272.5	1105237.59	210946.78	100.17	66.11	Location and elevation data from 2017 survey
OU3-B3D 465-475	475	42.47	465 - 475	1107010.24	211870.92	109.34	66.87	Location and elevation data from 2017 survey
OU3-B3S 375-385	385	42	375 - 385	1106996.37	211886.03	109.30	67.30	Location and elevation data from 2017 survey
OU3-B4 399-409	409	31.18	399 - 409	1102620.04	208207.93	92.03	60.85	Location and elevation data from 2017 survey
OU3-B5 375-385	385	34.74	375 - 385	1105200.17	208872.10	98.08	63.34	Location and elevation data from 2017 survey
OU3-B6 435-445	445	38.34	435 - 445	1106687.61	209080.11	100.34	62.00	Location and elevation data from 2017 survey
N-10622	212	22.27	142 - 200	1101220.00	205570.00	NA	--	<i>Not mapped due to missing elevation info.</i>
N-9240 (Well 7B)	105	34.96	100 - 105	NA	NA	97.79	62.83	<i>Not mapped due to missing location info.</i>
MW-1	110	44.32	Unknown	NA	NA	115.11	70.79	<i>Not mapped due to missing location info.</i>
MW-4	200	44.6	Unknown	1105299.00	213460.70	NA	--	<i>Not mapped due to missing elevation info.</i>
MW-9	315	41.44	310 - 315	1105695.00	212947.80	NA	--	<i>Not mapped due to missing elevation info.</i>
N-10039	262	36.6	201 - 262	1105066.06	206382.16	NA	--	<i>Not mapped due to missing elevation info.</i>

Notes:

NA - Not Available

NCDPW - Nassau County Department of Public Works

Vertical Datum is in NAVD 88

Horizontal Datum is in NAD 83, Long Island Zone